

## SEQUENCE LISTING

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## <120> Thrombomodulin Conjugates

<130> 11-04 WO

<140> PCT/US TO BE ASSIGNED

<141> 2005-02-22

<150> US 60/546,436

<151> 2004-02-20

<160> 6

<170> PatentIn version 3.3

$\langle 210 \rangle$  1

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Leu Asn Gln Thr Ser Tyr Leu Cys Val Cys Ala Glu Gly Phe Ala Pro  
15 20 25 30

att ccc cac gag ccg cac agg tgc cag ctg ttt tgc aac cag act gcc 145  
Ile Pro His Glu Pro His Arg Cys Gln Leu Phe Cys Asn Gln Thr Ala  
35 40 45

tgt cca gcc gac tgc gac ccc aac acc cag gct agc tgt gag tgc cct 193  
Cys Pro Ala Asp Cys Asp Pro Asn Thr Gln Ala Ser Cys Glu Cys Pro  
50 55 60

gaa ggc tac atc ctg gac gac ggt ttc atc tgc acg gac atc gac gag 241  
Glu Gly Tyr Ile Leu Asp Asp Gly Phe Ile Cys Thr Asp Ile Asp Glu  
65 70 75

tgc gaa aac ggc ggc ttc tgc tcc ggg gtg tgc cac aac ctc ccc ggt 289  
cys Glu Asn Gly Gly Phe Cys Ser Gly Val Cys His Asn Leu Pro Gly  
80 85 90

acc ttc gag tgc atc tgc ggg ccc gac tcg gcc ctt gcc cgc cac att 337  
Thr Phe Glu Cys Ile Cys Gly Pro Asp Ser Ala Leu Ala Arg His Ile  
95 100 105 110

ggc acc gac tgt gac tcc ggc aag gtg gac ggt ggc gac agc ggc tct 385  
Gly Thr Asp Cys Asp Ser Gly Lys Val Asp Gly Gly Asp Ser Gly Ser  
115 120 125

ggc gag ccc ccg ccc agc ccg acg ccc ggc tcc acc ttg act cct ccg 433  
Page 1

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gcc gtg ggg ggt atg taa tcggatcc  
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His Glu Pro His Arg Cys Gln Leu Phe Cys Asn Gln Thr Ala Cys Pro  
 35 40 45

Ala Asp Cys Asp Pro Asn Thr Gln Ala Ser Cys Glu Cys Pro Glu Gly  
 50 55 60

Tyr Ile Leu Asp Asp Gly Phe Ile Cys Thr Asp Ile Asp Glu Cys Glu  
 65 70 75 80

Asn Gly Gly Phe Cys Ser Gly Val Cys His Asn Leu Pro Gly Thr Phe  
 85 90 95

Glu Cys Ile Cys Gly Pro Asp Ser Ala Leu Ala Arg His Ile Gly Thr  
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Gly Gly Met  
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&lt;223&gt; Met-388-Leu substitution; position 40

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Asp Pro Cys Phe Arg Ala Asn Cys Glu Tyr Gln Cys Gln Pro Leu Asn  
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Gln Thr Ser Tyr Leu Cys Val Cys Ala Glu Gly Phe Ala Pro Ile Pro  
 20 25 30

His Glu Pro His Arg Cys Gln Leu Phe Cys Asn Gln Thr Ala Cys Pro  
 35 40 45

Ala Asp Cys Asp Pro Asn Thr Gln Ala Ser Cys Glu Cys Pro Glu Gly  
 50 55 60

Tyr Ile Leu Asp Asp Gly Phe Ile Cys Thr Asp Ile Asp Glu Cys Glu  
 65 70 75 80

Asn Gly Gly Phe Cys Ser Gly Val Cys His Asn Leu Pro Gly Thr Phe  
 85 90 95

Glu Cys Ile Cys Gly Pro Asp Ser Ala Leu Ala Arg His Ile Gly Thr  
 100 105 110

Asp Cys Asp Ser Gly Lys Val Asp Gly Gly Asp Ser Gly Ser Gly Glu  
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Pro Pro Pro Ser Pro Thr Pro Gly Ser Thr Leu Thr Pro Pro Ala Val  
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Gly Gly Met  
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&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

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Met Leu Gly Val Leu Val Leu Gly Ala Leu Ala Leu Ala Gly Leu Gly  
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Phe Pro Ala Pro Ala Glu Pro Gln Pro Gly Gly Ser Gln Cys Val Glu  
 20 25 30

His Asp Cys Phe Ala Leu Tyr Pro Gly Pro Ala Thr Phe Leu Asn Ala  
 35 40 45

Ser Gln Ile Cys Asp Gly Leu Arg Gly His Leu Met Thr Val Arg Ser  
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Ser Val Ala Ala Asp Val Ile Ser Leu Leu Leu Asn Gly Asp Gly Gly  
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65					70					75					80
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Gly	Asp	Asn <sub>115</sub>	Asn	Thr	Ser	Tyr	Ser <sub>120</sub>	Arg	Trp	Ala	Arg	Leu <sub>125</sub>	Asp	Leu	Asn
Gly	Ala <sub>130</sub>	Pro	Leu	Cys	Gly	Pro <sub>135</sub>	Leu	Cys	Val	Ala	Val <sub>140</sub>	Ser	Ala	Ala	Glu
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His	Arg	Cys	Glu	Asp <sub>325</sub>	Val	Asp	Asp	Cys	Ile <sub>330</sub>	Leu	Glu	Pro	Ser	Pro <sub>335</sub>	Cys
Pro	Gln	Arg	Cys <sub>340</sub>	Val	Asn	Thr	Gln	Gly <sub>345</sub>	Gly	Phe	Glu	Cys	His <sub>350</sub>	Cys	Tyr

Pro Asn Tyr Asp Leu Val Asp Gly Glu Cys Val Glu Pro Val Asp Pro  
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 Cys Phe Arg Ala Asn Cys Glu Tyr Gln Cys Gln Pro Leu Asn Gln Thr  
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 Ser Tyr Leu Cys Val Cys Ala Glu Gly Phe Ala Pro Ile Pro His Glu  
 385 390 395 400  
 Pro His Arg Cys Gln Met Phe Cys Asn Gln Thr Ala Cys Pro Ala Asp  
 405 410 415  
 Cys Asp Pro Asn Thr Gln Ala Ser Cys Glu Cys Pro Glu Gly Tyr Ile  
 420 425 430  
 Leu Asp Asp Gly Phe Ile Cys Thr Asp Ile Asp Glu Cys Glu Asn Gly  
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 Gly Phe Cys Ser Gly Val Cys His Asn Leu Pro Gly Thr Phe Glu Cys  
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